

CLAIMS

What is claimed is:

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- 1 1. A method for controlling the collection, manipulation and storage of network
2 performance data and network event data of a network with service
3 assurance capabilities, comprising the steps of:
- 4 (a) receiving an activation signal;
- 5 (b) transmitting a signal to initiate the retrieving of network performance data
6 and network event data generated from at least one network monitor
7 monitoring a network system and the relocating of the data into a common
8 directory;
- 9 (c) transmitting a signal to initiate the manipulation of the data and the loading
10 of the manipulated data into a database.
- 1 2. A method as recited in claim 1, wherein the signal to initiate the
2 manipulating and storing of the data initiates a controller program that
3 transmits a signal to initiate the manipulation of the data.
- 1 3. A method as recited in claim 2, wherein the controller program transmits a
2 signal to initiate the calculation of statistics from the data.

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1 4. A method as recited in claim 3, wherein the controller program transmits a
2 signal to initiate the assigning of key codes to the data.

1 5. A method as recited in claim 4, wherein the controller program transmits a
2 signal to initiate the sorting of the data.

1 6. A method as recited in claim 5, wherein the controller program transmits a
2 signal to initiate the concatenating of the data.

1 7. A method as recited in claim 6, wherein the controller program transmits a
2 signal to initiate the loading of the data into the database.

1 8. A method as recited in claim 1, further comprising the steps of: transmitting
2 a signal to initiate a clean archive program for deleting files from an archive
3 directory, transmitting a signal to initiate a table extract program for
4 extracting data from tables stored in the database, transmitting a signal to
5 initiate a trigger reporting program for generating reports, transmitting a
6 signal to initiate a purge record program for deleting records from the
7 database, and transmitting a signal to initiate a database backup program for
8 backing up data stored on the database.

1 9. A computer program embodied on a computer readable medium for
2 controlling the collection, manipulation and storage of network performance
3 data and network event data of a network with service assurance capabilities,
4 comprising:

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- 5 (a) a code segment for receiving an activation signal;
- 6 (b) a code segment for transmitting a signal to initiate the retrieving of network
7 performance data and network event data generated from at least one
8 network monitor monitoring a network system and the relocating of the data
9 into a common directory;
- 10 (c) a code segment for transmitting a signal to initiate the manipulation of the
11 data and the loading of the manipulated data into a database.

1 10. A computer program as recited in claim 9, wherein the signal to initiate the
2 manipulating and storing of the data initiates a controller program that
3 transmits a signal to initiate the manipulation of the data.

1 11. A computer program as recited in claim 10, wherein the controller program
2 transmits a signal to initiate the calculation of statistics from the data.

1 12. A computer program as recited in claim 11, wherein the controller program
2 transmits a signal to initiate the assigning of key codes to the data.

1 13. A computer program as recited in claim 12, wherein the controller program
2 transmits a signal to initiate the sorting of the data.

1 14. A computer program as recited in claim 13, wherein the controller program
2 transmits a signal to initiate the concatenating of the data.

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1 15. A computer program as recited in claim 14, wherein the controller program
2 transmits a signal to initiate the loading of the data into the database.

1 16. A computer program as recited in claim 9, further comprising a code
2 segment for transmitting a signal to initiate a clean archive program for
3 deleting files from an archive directory, a code segment for transmitting a
4 signal to initiate a table extract program for extracting data from tables stored
5 in the database, a code segment for transmitting a signal to initiate a trigger
6 reporting program for generating reports, a code segment for transmitting a
7 signal to initiate a purge record program for deleting records from the
8 database, and a code segment for transmitting a signal to initiate a database
9 backup program for backing up data stored on the database.

1 17. A system for controlling the collection, manipulation and storage of network
2 performance data and network event data of a network with service
3 assurance capabilities, comprising:

- 4 (a) logic for receiving an activation signal;
- 5 (b) logic for transmitting a signal to initiate the retrieving of network
6 performance data and network event data generated from at least one
7 network monitor monitoring a network system and the relocating of the data
8 into a common directory;
- 9 (c) logic for transmitting a signal to initiate the manipulation of the data and the
10 loading of the manipulated data into a database.

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- 1 18. A system as recited in claim 17, wherein the signal to initiate the
2 manipulating and storing of the data initiates a controller program that
3 transmits a signal to initiate the manipulation of the data.
- 1 19. A system as recited in claim 18, wherein the controller program transmits a
2 signal to initiate the calculation of statistics from the data.
- 1 20. A system as recited in claim 19, wherein the controller program transmits a
2 signal to initiate the assigning of key codes to the data.